

PROJECT:
Milk Parlor Floors

OWNER:
Carpenter Ranch

APPLICATOR:
Matheson Painting

SYSTEM:
100 mils POLYSHIELD SS™ 100

TOTAL AREA:
40,000 square feet

COMPLETION DATE:
February 1999

PROBLEM:

The dairy farm's milking parlor uses both galvanized and stainless steel in the facility. The steel was unprotected and difficult to clean. The project consisted of 40,000 sq. ft. of floors, walls, ceilings, crowd gates, posts, and rails that needed to be coated for easy wash down.

SOLUTION:

Polyshield SS™ 100 polyurea was specifically chosen for its easy cleaning and sanitation properties. The floor areas were cleaned, primed with SPI Primer, and coated with 100 mils of Polyshield SS™ 100. Then, an aggregate was broadcast into the basecoat, followed by a 30-mil topcoat to lock it in. This step was necessary in order to create a non-skid coating surface.

RESULTS:

The owner of the dairy loves the easy clean up of Polyshield SS™ 100. He was so impressed, he decided to coat swather heads, flag poles, corral gates,

empty electric wire spools for hanging hoses, and other equipment.

June 1999: The product was performing well. There were no visible signs of lost adhesion, pinholes, or cracks. Some discoloration has occurred due to the dairy's sterilization chemicals.

April 2002: Due to the seamless surface, the milk parlor is now easily maintained. What used to take the health inspector two days to fully inspect, now takes 45 minutes. Everyone is very pleased with the outcome.

